

BIRCH, STEWART, KOLASCH & BIRCH, LLP

INTELLECTUAL PROPERTY LAW
8110 GATEHOUSE ROAD
SUITE 100 EAST
FALLS CHURCH, VA 22042-1248
USA

(703) 205-8000
FAX: (703) 205-8050
(703) 698-8590 (G IV)

e-mail: mailroom@bskb.com
web: http://www.bskb.com

OTHER OFFICES:
CARLSBAD, CALIFORNIA
COSTA MESA, CALIFORNIA
LOS ANGELES, CALIFORNIA

SENIOR COUNSEL:
JOSEPH A. KOLASCH

SCOTT L. LOWE
PAUL C. LEWIS
RICHARD J. GALLAGHER
MARYANNE ARMSTRONG, PH.D.
KECIA J. REYNOLDS
KALPANA REDDY
ESTHER H. CHONG
CATHERINE M. VOISINET*
EUGENE T. PEREZ
CAROLYN T. BAUMGARDNER*
MARTIN R. GEISSLER*
J. ALISON GRABELL*
T. BENJAMIN SCHROEDER, PH.D.
PERCY L. SQUARE
HYUNG N. SOHN
CLINT A. Gerdine
CRAIG A. McROBBIE
WILLIAM F. NIXON*
DANIEL K. DORSEY
MATTHEW T. SHANLEY

REG. PATENT AGENTS:
FREDERICK R. HANDREN
MAKI HATSUMI
GARTH M. DAHLEN, PH.D.
ROBERT E. GOOZNER, PH.D.
KRISTI L. RUPERT, PH.D.
SUSAN W. GORMAN, PH.D.
ROBERT W. DOWNS
CHAD J. BILLINGS
CHRISTINE V. CASTILLO
CARL T. THOMSEN
JASON W. RHODES
SAM BHATTACHARYA
BRADLEY C. FACH

TERRELL C. BIRCH
RAYMOND C. STEWART
JAMES M. SLATTERY
MICHAEL K. MUTTER
CHARLES GORENSTEIN
GERALD M. MURPHY, JR.
LEONARD R. SVENSSON
ANDREW D. MEIKLE
MARC S. WEINER
JOE MCKINNEY MUNCY
ROBERT J. KENNEY
JOHN W. BAILEY
MARK J. NUEL, PH.D.
JAMES T. ELLER, JR.
D. RICHARD ANDERSON
THOMAS M. SMALL*
ROBERT A. SELDON*
JOHN A. SCILLIERI*
SANFORD ASTOR*

OF COUNSEL:
HERBERT M. BIRCH (1905-1996)
BERNARD L. SWEENEY*
ELLIOT A. GOLDBERG*
WILLIAM L. GATES*
EDWARD H. VALANCE
RUPERT J. BRADY (RET.)*
F. PRINCE BUTLER
FRED S. WHISENHUNT (RET.)
JAMES W. HELLWEGE
QUENTIN R. "Rick" CORRIE
ROBERT F. GNUSE
DAVID R. MURPHY
ROBERT M. ASHEN*
MICHAEL R. CAMMARATA

*ADMITTED TO A BAR OTHER THAN VA.

Date: December 16, 2003

Docket No.: 4572-0105P

MS PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

As authorized by the inventor(s), transmitted herewith for filing is a patent application applied for on behalf of the inventor(s) according to the provisions of 37 C.F.R. § 1.41(c), which claims priority under 35 U.S.C. § 119(e) of Provisional Application No(s). 60/433,608 and 60/433,593 filed on December 16, 2002.

Inventor(s): Stephen T. HAYES; Michael J. INGSON; Alfred F. PANDOLFI

For: APPARATUS AND METHODS FOR COMMUNICATION AMONG DEVICES

Enclosed are:

- ☒ A specification consisting of forty-three (43) pages
- ☒ Fifteen (15) sheet(s) of formal drawings
- ☐ Applicant does not claim priority
- ☐ Applicant claims the right of priority under 35 U.S.C. § 119 based on Application No(s). filed in on .
 - ☐ Certified copy(ies) is(are) attached hereto.
 - ☐ Certified copy(ies) will follow.

- ☒ Executed Declaration in accordance with 37 C.F.R. § 1.64 will follow
- ☒ Applicant claims small entity status under 37 C.F.R. § 1.27.
- ☐ Preliminary Amendment
- ☐ Application Data Sheet in accordance with 37 C.F.R. § 1.76
- ☐ Information Disclosure Statement, PTO-1449 and reference(s)
- ☐ Applicant requests early publication - \$300.00 publication fee
- ☐ Non-publication Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i)
- ☐ Other:
- ☒ Provisional application filed in English:
☒ YES ☐ NO

If "NO," an English translation with a Statement of Accuracy:
☐ is attached hereto ☐ will follow.

The filing fee has been calculated as shown below:

| | | | LARGE ENTITY | SMALL ENTITY |
|---|-----------------|-----------------|---------------|---------------|
| BASIC FEE | | | \$770.00 | \$385.00 |
| | NUMBER FILED | NUMBER EXTRA | RATE FEE | RATE FEE |
| TOTAL CLAIMS | 48-20= | 28 | x 18 = \$0.00 | x 9= \$252.00 |
| INDEPENDENT CLAIMS | 8-3= | 5 | x 86 = \$0.00 | x43= \$215.00 |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED | | | + \$290.00 | + \$145.00 |
| TOTAL | | | \$0.00 | \$852.00 |


- ☒ The application transmitted herewith is filed in accordance with 37 C.F.R. § 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed declaration together with the surcharge will be forwarded in due course.

- ☐ A check in the amount of \$852.00 to cover the filing fee is enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.
- ☒ Please send correspondence to:
BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 02292
P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 
D. Richard Anderson, #40,439

Law
DRA/CMV/jdm
4572-0105P

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

Attachment(s)

(Rev. 10/27/03)